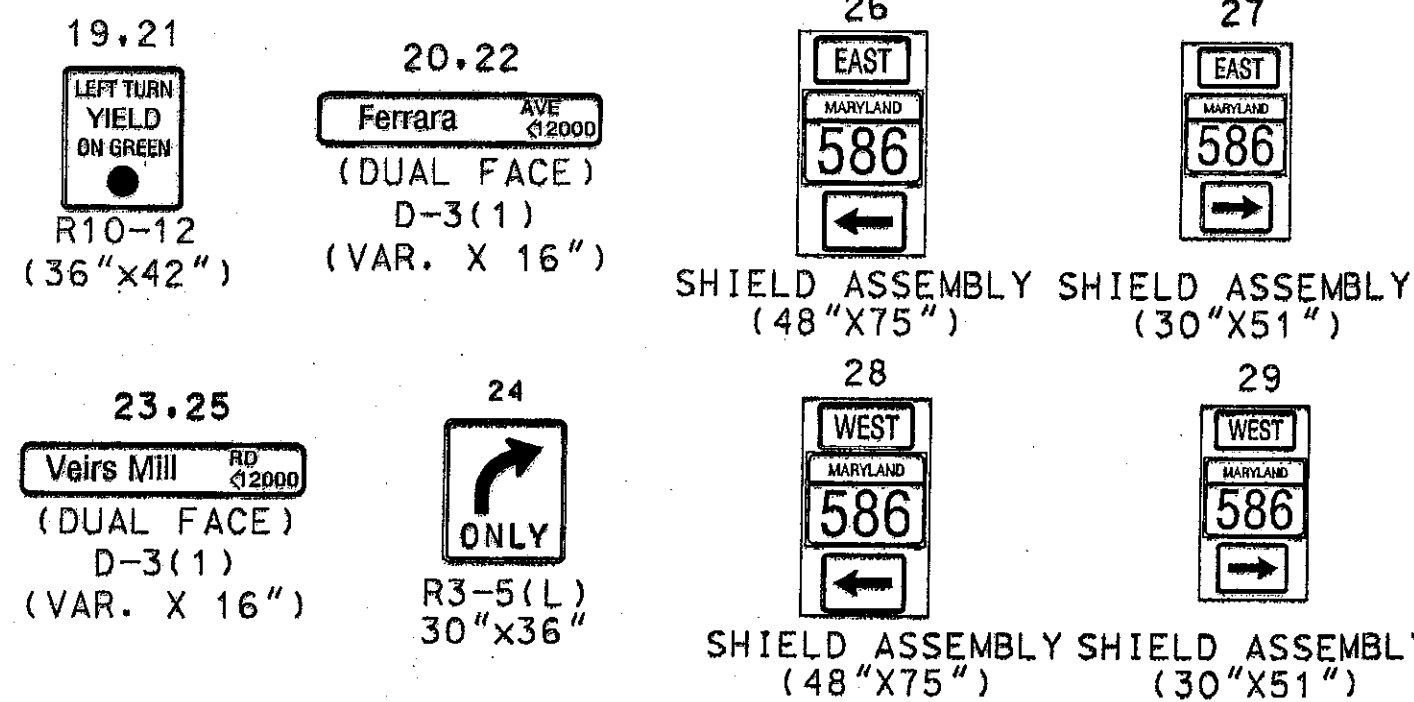
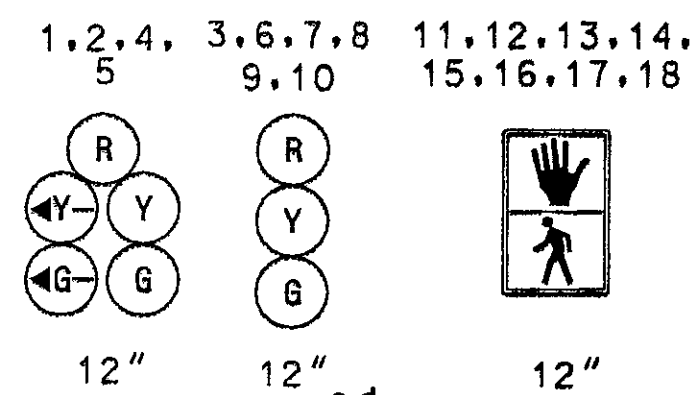


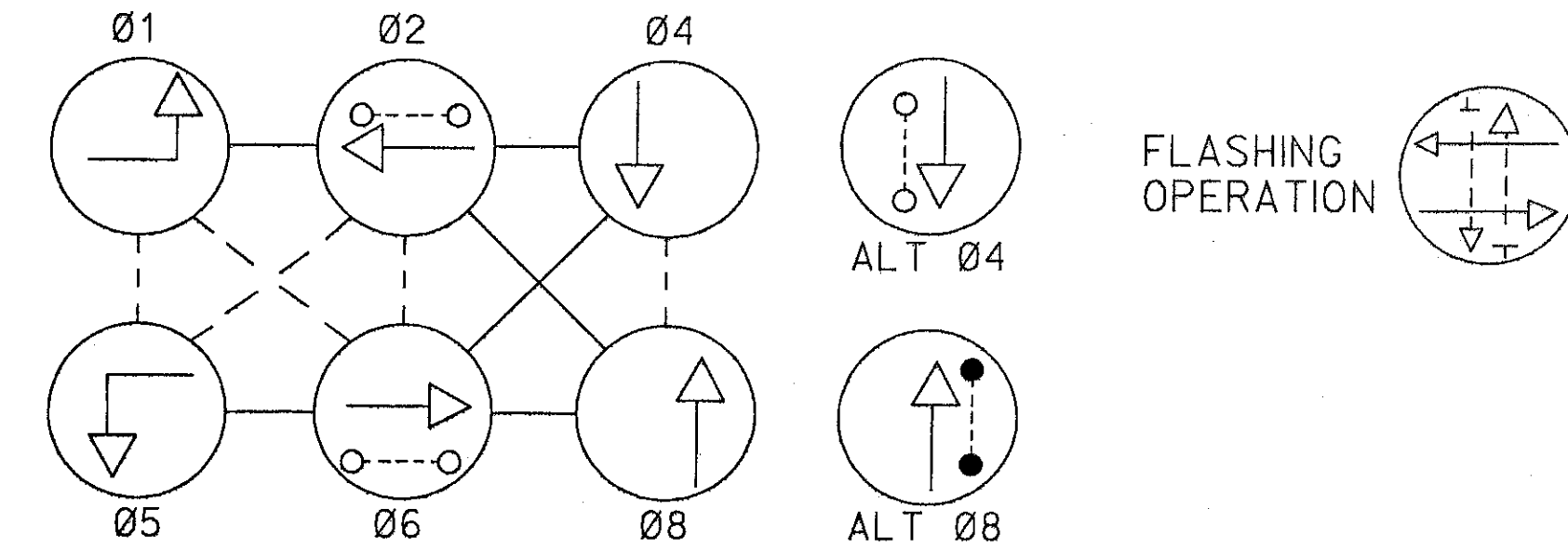
PROPOSED SIGNS



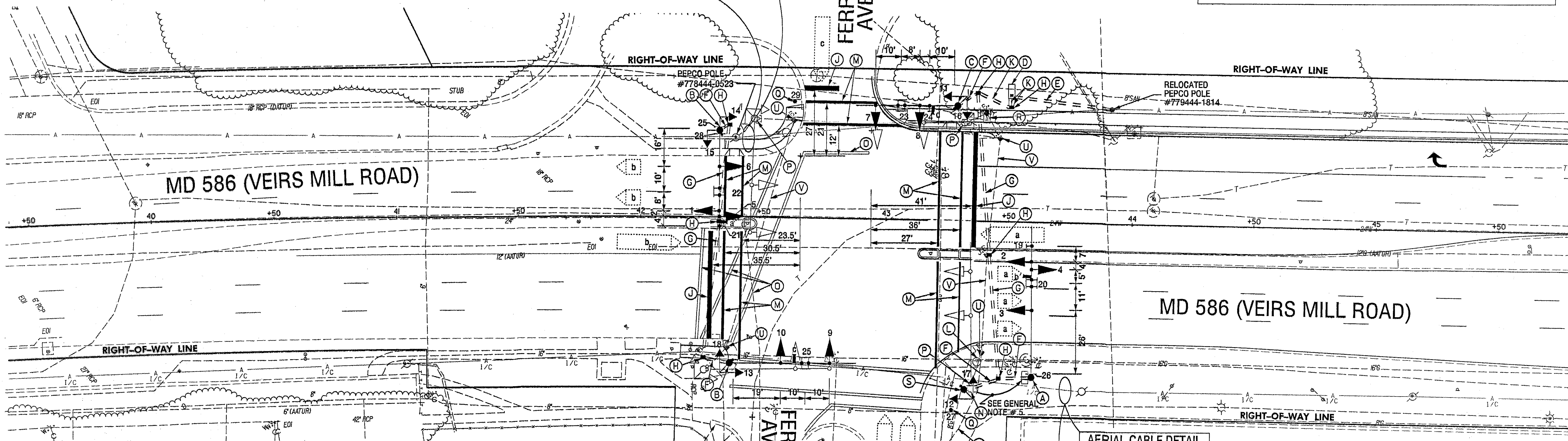
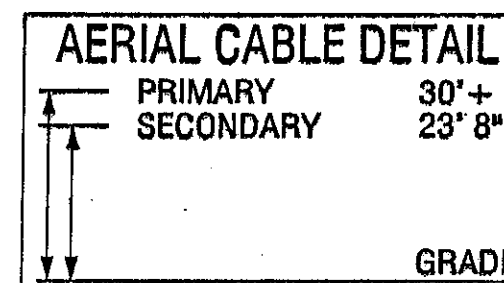
PROPOSED SIGNALS



NEMA PHASING



NOTE:
PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY

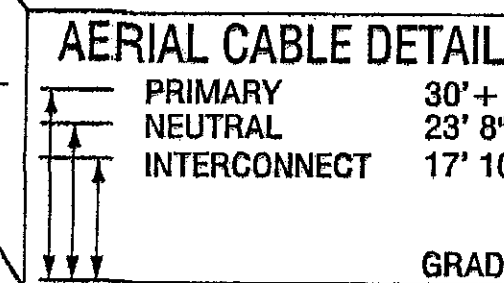


CONSTRUCTION DETAILS

- INSTALL CONCRETE FOUNDATION WITH A 27 FT. STEEL POLE (CUT TO 21 FT) WITH SINGLE 60 FT. MAST ARM WITH SIGNAL HEADS, 3 INCH WEATHERHEAD, SIGNS AND PROPOSED VIDEO DETECTION CAMERA. (NOTE: ONE 3 IN. PVC SCHEDULE 80 CONDUIT BEND.) STA. 43+59 RT 63'
- INSTALL CONCRETE FOUNDATION WITH A 27 FT. STEEL POLE (CUT TO 21 FT) WITH SINGLE 50 FT. MAST ARM, SIGNAL HEADS, SIGNS, PEDESTRIAN SIGNAL HEADS, PUSHBUTTON AND SIGN, AND PROPOSED VIDEO DETECTION CAMERA. (NOTE: ONE-3 IN. PVC SCHEDULE 80 CONDUIT BEND) STA 42+32 LT 37' AND 42+36 RT 60'
- INSTALL CONCRETE FOUNDATION WITH A 27 FT. STEEL POLE (CUT TO 21 FT) WITH SINGLE 38 FT. MAST ARM WITH SIGNAL HEADS, SIGNS, PEDESTRIAN SIGNAL HEADS, PUSHBUTTON AND SIGN, AND PROPOSED VIDEO DETECTION CAMERA. (NOTE: ONE 3 IN. PVC SCHEDULE 80 CONDUIT BEND). STA 43+33 LT 49'
- INSTALL A NEMA SIZE 6 BASE MOUNTED CONTROLLER AND CABINET WITH ELECTRICAL SERVICE EQUIPMENT FOR UNDERGROUND SERVICE. (NOTE: SCHEDULE 80 CONDUIT BENDS). STA 43+50 LT 53'

CONSTRUCTION DETAILS (CONT.)

- INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
- REMOVE EXISTING 4 FT PUSHBUTTON POLE AND FOUNDATION, BACKFILL 12 IN. BELOW GRADE.
- INSTALL 12 IN WHITE, HEAT APPLIED, THERMOPLASTIC PAVEMENT MARKING TAPE FOR CROSSWALK.
- RELOCATE SPLICE CABINET FROM EXISTING TO PROPOSED SIGNAL POLE. RELOCATION OF EXISTING SPLICE CABINET IS TO BE DONE BY MCDPW. PLEASE CALL MR. BOB GONZALES AT (240) 777-2190 TO SCHEDULE SPLICE CABINET RELOCATION TO NEW SIGNAL POLE.
- REMOVE EXISTING PAVEMENT MARKINGS.
- REMOVE MAST ARM, POLE AND BACKFILL 12" BELOW GRADE.
- INSTALL GROUND MOUNTED SIGN ON 4"x6" WOOD SUPPORT.
- REMOVE EXISTING BASE MOUNTED CABINET CABINET AND BACKFILL 12" BELOW GRADE.
- INSTALL CONCRETE FOUNDATION WITH A 10 FT STEEL PEDESTAL POLE, PEDESTRIAN SIGNAL HEADS, PUSHBUTTON AND SIGN. (NOTE: 2 IN PVC SCHEDULE 80 CONDUIT BEND) STA. 43+31 RT. 69'
- NOT USED
- REMOVE EXISTING HANDHOLE.
- CAP AND ABANDON EXISTING CONDUIT.



GENERAL NOTES

- VIDEO DETECTION PLACEMENT SHALL BE COORDINATED WITH THE SHA ENGINEER.
- THE CONTRACTOR SHALL VERIFY ALL PROPOSED POLE AND CABINET LOCATIONS PRIOR TO INSTALLATION.
- FOR FINAL PAVEMENT MARKINGS, EXCEPT STOP LINES AND CROSSWALKS, REFER TO THE PROJECT PAVEMENT MARKING PLANS.
- ALL EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE SIGNAL.
- DISCONNECTING AND RELOCATION OF EXISTING SPLICE CABINET AND INTERCONNECT CABLE SHALL BE DONE BY MCDPW FORCES. THE CONTRACTOR RUN THE INTERCONNECT CABLE INTO THE BASE OF EACH PROPOSED SIGNAL CABINET AND PROPERLY TAG THE CABLE. CONTACT MR. BOB GONZALES OF MCDPW AT (240) 777-8761 SEVENTY TWO HOURS IN ADVANCE OF THE INTENDED RELOCATION.
- ALL EQUIPMENT SHALL BE INSTALLED TO FINAL GRADE.
- THE CONTRACTOR SHALL VERIFY ALL UNDERGROUND UTILITIES PRIOR TO INSTALLING PROPOSED SIGNAL EQUIPMENT; ANY CONFLICTS WITH THESE UTILITIES THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER.

GEOMETRIC LEGEND

EXISTING
PROPOSED

UTILITY LEGEND

SD - STORM DRAIN
G - GAS MAIN
W - WATER MAIN
S - SEWER MAIN
E - ELECTRIC CABLES
A - AERIAL CABLES
T - TELEPHONE CABLES

SABRA, WANG & ASSOCIATES, INC.
1504 JOH AVENUE
SUITE 100
BALTIMORE, MD 21287
WWW.SABRA-WANG.COM

REVISIONS	APPROVALS
(B) REBUILD SIGNAL FOR GEOMETRIC CHANGES SHA NO. M0817511 03/03 3/20/86 AS-BUILT CONTRACT NO. 855-25006	TEAM LEADER/TRAFFIC ENGINEER DESIGN DIVISION ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION DIRECTOR, OFFICE OF TRAFFIC & SAFETY

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
TRAFFIC SIGNAL PLAN
MD 586 (VEIRS MILL ROAD) AND
FERRARA AVENUE

DRAWN BY: BRUCE THOMPSON
CHECKED BY: DENNIS DODA, JR.
SCALE: 1" = 20'
DATE: 07-23-85
F.A.P. NO. 2077B
S.H.A. NO. M0817A21
COUNTY: MONTGOMERY
LOG MILE: 15058603.86
TS NO. 2077B
T.I.M.S. NO. E905
SHEET NO. OF